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ATTORNEY DOCKET NO. 07083.0008U5 SERIAL NO. 10/038.694 Page 1 of 2

Form PTO-148 TOADS SERIAL NO. 10/038,694 ATTORNEY DOCKET NO .: CONFIRMATION NO. 1998 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE APPLICANT: Hutchins et al. LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) GROUP: 1623 FILING DATE: December 31, 2001 U.S. PATENT DOCUMENTS DOCUMENT NO. DATE NAME CLASS SUBCLASS FILING DATE EXAMINER IF APPROPRIATE INITIAL FOREIGN PATENT DOCUMENTS WO 00/64930 11/02/00 Jay (PCT) WO 98/08949 03/05/98 Larsen et al. (PCT) OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Aigner et al. Suppression of cartilage matrix gene expression in upper zone chondrocytes of osteoarthritic А3 cartilage. Arthritis Rheum 40:562-569 (1997) Aydelotte et al. Differences between sub-populations of cultured bovine articular chondrocytes. I. Morphology Α4 and cartilage matrix production. Connect Tissue Res. 18:205-222 (1988) Avdelotte et al. Differences between sub-populations of cultured bovine articular chondrocytes. II. Proteoglycan A5 metabolism. Connect Tissue Res. 18:223-234 (1988) Condreay et al. Transient and stable gene expression in mammalian cells transduced with a recombinant baculovirus Α6 vector. PNAS 96:127-132 (1999) de Belder. Preparation and properties of fluorescein-labelled hyaluronate. Carbohydr. Res. 44(2):251-257 (1975) Α7 **8**A Flannery et al. Articular cartilage superficial zone protein (SZP) is homologous to megakaryocyte stimulating factor precursor and is a multifunctional proteoglycan with potential growth-promoting, cytoprotective, and lubricating properties in cartilage metabolism. Biochem. Biophys. Res. Commun. 254(3):535-541 (1999) Freemont et al. Gene expression of matrix metalloproteinases 1.3. and 9 by chondrocytes in osteoarthritic human Α9 knee articular cartilage is zone and grade specific. Ann Rheum Dis 56:542-549 (1997) Guilak et al. Mechanical and biochemical changes in the superficial zone of articular cartilage in canine A10 experimental osteoarthritis. J Orthop Res 12:474-484 (1994) Hauselmann et al. The superficial layer of human articular cartilage is more susceptible to interleukin-l-induced A11 damage than the deeper layers. Arthritis Rheum 39:478-488 (1996) Hollander et al. Damage to type II collagen in aging and osteoarthritis starts at the articular surface. originates A12 around chondrocytes, and extends into the cartilage with progressive degeneration. J Clin Invest 96:2859-2869 (1995) Jay et al. Lubricin is a product of megakaryocyte stimulating factor gene expression by human synovial fibroblasts. A13 J Rheumatol 27:594-600 (2000) Kilpatrick et al. Rapid development of affinity matured monoclonal antibodies using RIMMS. Hybridoma 16:381-389 A14 (1997) Kilpatrick et al. Gene gun delivered DNA-based immunizations mediate rapid production of murine monoclonal A15 antibodies to the Flt-3 receptor. Hybridoma 17:569-576 (1998) Krejcarek et al. Covalent attachment of chelating groups to macromolecules. Biochem Biophys Res Commun 77:581-585 A16 (1977)

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